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Suit	ostitute for form 1449/PTO	•		Complete if Known		
				Application Number	10/670,332-Conf. #5101	
11	NFORMATIO	N DI	SCLOSURE	Filing Date	September 26, 2003	
l s	TATEMENT	BY /	APPLICANT	First Named Inventor	Yong Cheol PARK	
				Art Unit	2824* 2627	
	(Use as many sheets as necessary)			Examiner Name	S-A-Ammed N. Danielsen	
Sheet	1	of	9	Attorney Docket Number	0465-1029P	

			U.5. PATE	NT DOCUMENTS	
Examiner nitials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
/ND/	AA*	US-2001/0009537-A1	07-26-2001	Park	
8	AB*	US-2001/0011267-A1	08-02-2001	Kihara et al.	
8	AC*	US-2001/0026511-A1	10-04-2001	Ueda et al.	
	AD*	US-2001/0043525-A1	11-22-2001	Ito et al.	
000	AE*	US-2002/0025138-A1	02-28-2002	Isobe et al.	
	AF*	US-2002/0097665-A1	07-25-2002	Ko et al.	
	AG*	US-2002/0097666-A1	07-25-2002	Ko et al.	
	AH*	US-2002/0099950-A1	07-25-2002	Smith	
0000	Al*	US-2002/0136118-A1	09-26-2002	Takahashi	
	AJ*	US-2002/0136134-A1	09-26-2002	Ito et al.	
0000	AK*	US-2002/0159382-A1	10-31-2002	Ohata et al.	
	AL*	US-2002/0161774-A1	10-31-2002	Tol et al.	
	AM*	US-2002/0176341-A1	11-28-2002	Ko et al.	
	AN*	US-2003/0072236-A1	04-17-2003	Hirotsune et al.	
	AO*	US-2003/0095482-A1	05-22-2003	Hung et al.	
	AP*	US-2003/0126527-A1	07-03-2003	Kim et al.	
000	AQ*	US-2003/0135800-A1	07-17-2003	Kim et al.	
	AR*	US-2003/0137909-A1	07-24-2003	Ito et al.	
000	AS*	US-2003/0137910-A1	07-24-2003	Ueda et al.	
	AT*	US-2003/0142608-A1	07-31-2003	Yamamoto et al.	
000	AU*	US-2003/0149918-A1	08-07-2003	Takaichi	
-	AV*	US-2003/0173669-A1	09-18-2003	Shau	
-	AW*	US-2003/0198155-A1	10-23-2003	Go et al.	
	AX*	US-2004/0001408-A1	01-01-2004	Propps et al.	
0000	AY*	US-2004/0004917-A1	01-08-2004	Lee	·
-	AZ*	US-2004/0062159-A1	04-01-2004	Park et al.	
0000	AA1*	US-2004/0062160-A1	04-01-2004	Park et al.	
	AB1*	US-2004/0076096-A1	04-22-2004	Hwang et al.	
/ND/	AC1*	US-2004/0105363-A1	06-03-2004	Ko et al.	

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Examiner	/Nathan Danielsen/	Date	I 11/17/2008 I
Signature	/Naman Damoison/	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filled after June 30, 2003 or is available in the IFW. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issue the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Subst	Substitute for form 1449/PTO			Complete if Known		
5456				Application Number	10/670,332-Conf. #5101	
INI	FORMATION	اD ۱	SCLOSURE	Filing Date	September 26, 2003	
ST	ATEMENT E	3Y /	APPLICANT	First Named Inventor	Yong Cheol PARK	
				Art Unit	2627 2627	
	(Use as many sheets as necessary)			Examiner Name	S:A: Ammed N. Danielser	
Sheet	2	of	9	Attorney Docket Number	0465-1029P	

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (If known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
/ND/	AD1*	US-2004/0114474-A1	06-17-2004	Park et al.				
ğ	AE1*	US-2004/0120233-A1	06-24-2004	Park et al.				
8	AF1*	US-2004/0125716-A1	07-01-2004	Ko et al.				
8	AG1*	US-2004/0125717-A1	07-01-2004	Ko et al.	Į			
800	AH1*	US-2004/0136292-A1	07-15-2004	Park et al.	}			
	Al1*	US-2004/0145980-A1	07-29-2004	Park et al.	To a part of the p			
0000	AJ1*	US-2004/0158768-A1	08-12-2004	Park et al.				
800	AK1*	US-2004/0174782-A1	09-09-2004	Lee et al.				
	AL1*	US-2004/0174785-A1	09-09-2004	Ueda et al.				
8	AM1*	US-2004/0179445-A1	09-16-2004	Park et al.				
	AN1*	US-2004/0179458-A1	09-16-2004	Hwang et al.				
	AO1*	US-2004/0223427-A1	11-11-2004	Kim et al.				
8	AP1*	US-2004/0246851-A1	12-09-2004	Hwang et al.				
	AQ1*	US-2005/0007910-A1	01-13-2005	Ito et al.				
80	AR1*	US-2005/0025007-A1	02-03-2005	Park				
800	AS1*	US-2005/0052972-A1	03-10-2005	Park				
	AT1*	US-2005/0052973-A1	03-10-2005	Park				
800	AU1*	US-2005/0055500-A1	03-10-2005	Park				
20000	AV1*	US-2005/0060489-A1	03-17-2005	Park				
	AW1*	US-2005/0068877-A1	03-31-2005	Yeo				
800	AX1*	US-2005/0083740-A1	04-21-2005	Kobayashi				
	AY1*	US-2005/0083767-A1	04-21-2005	Terada et al.				
000	AZ1*	US-2005/0083830-A1	04-21-2005	Martens et al.				
800	AA2*	US-2005/0195716-A1	09-08-2005	Ko et al.				
8	AB2*	US-2005/0289389-A1	12-29-2005	Yamagami et al.				
	AC2*	US-2006/0077827-A1	04-13-2006	Takahashi				
/ND/	AD2*	US-2006/0195719-A1	08-31-2006	Ueda et al.				

Examiner /Nathan Danielsen/	Date Considered	11/17/2008
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Sut	estitute for form 1449/PTO			Complete if Known		
				Application Number	10/670,332-Conf. #5101	
II.	VFORMATION	l Di	SCLOSURE	Filing Date	September 26, 2003	
S	STATEMENT BY APPLICANT			First Named Inventor	Yong Cheol PARK	
_			<u> </u>	Art Unit	2 024~ 2627	
	(Use as many sheets as necessary)			Examiner Name	S-A-Ahmed N. Danielser	
Sheet	3	of	9	Attorney Docket Number	0465-1029P	

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevar Figures Appear			
/ND/	AE2*	US-2006/0203635-A1	09-14-2006	Ko et al.				
8	AF2*	US-2006/0203638-A1	09-14-2006	Ko et al.				
	AG2*	US-2006/0203684-A1	09-14-2006	Ko et al.				
8	AH2*	US-2006/0227694-A1	10-12-2006	Woerlee et al.				
	Al2*	US-2007/0294571-A1	12-20-2007	Park et al.				
	AJ2*	US-2008/0046780-A1	02-21-2008	Shibuya et al.				
	AK2*	US-4,733,386	03-22-1988	Shimoi et al.				
	AL2*	US-4,807,205	02-21-1989	Picard et al.				
-	AM2*	US-5,111,444-A	05-05-1992	Fukushima et al.				
ı	AN2*	US-5,210,734-A	05-11-1993	Sakurai et al.				
1	AO2*	US-5,235,585-A	08-10-1993	Bish et al.				
_	AP2*	US-5,237,553-A	08-17-1993	Fukushima et al.	*			
	AQ2*	US-5,247,494-A	09-21-1993	Ohno et al.				
	AR2*	US-5,319,626	06-07-1994	Ozaki et al.				
	AS2*	US-5,404,357-A	04-04-1995	Ito et al.				
-	AT2*	US-5,442,611-A	08-15-1995	Hosaka et al.				
1	AU2*	US-5,448,728-A	09-05-1995	Takano et al.				
	AV2*	US-5,475,820-A	12-12-1995	Natrasevschi et al.				
	AW2*	US-5,481,519-A	01-02-1996	Hosoya et al.				
-	AX2*	US-5,495,466-A	02-27-1996	Dohmeier et al.				
	AY2*	US-5,528,571-A	06-18-1996	Funahashi et al.				
-	AZ2*	US-5,553,045-A	09-03-1996	Obata et al.				
	AA3*	US-5,577,194-A	11-19-1996	Wells et al.				
<u> </u>	AB3*	US-5,608,715	03-04-1997	Yokogawa et al.				
-	AC3*	US-5,720,030-A	02-17-1998	Kamihara et al.				
-	AD3*	US-5,740,435-A	04-14-1998	Yamamoto et al.				
*	AE3*	US-5,745,444-A	04-28-1998	Ichikawa et al.				
1	AF3*	US-5,799,212-A	08-25-1998	Ohmori et al.				
-	AG3*	US-5,802,028-A	09-01-1998	Igarashi et al.				
-	AH3*	US-5,805,536-A	09-08-1998	Gage et al.				
	AI3*	US-5,848,038-A	12-08-1998	Igarashi et al.				
/ND/	AJ3*	US-5,867,455-A	02-02-1999	Mivamoto et al.				

Examiner	/Nathan Danielsen/	Date	11/17/2008
Signature	/Ivanan Danicisch/	Considered	

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Sub	estitute for form 1449/PTO			Complete if Known			
•				Application Number	10/670,332-Conf. #5101		
11	IFORMATION	1 DI	SCLOSURE	Filing Date	September 26, 2003 Yong Cheol PARK		03
S	TATEMENT I	3Y /	APPLICANT	First Named Inventor			<
_				Art Unit	2624	26	27
	(Use as many sheets as necessary)			Examiner Name	S.A. Ahmed	-N.	Danielser
Sheet	4	of	9	Attorney Docket Number	0465-1029P		

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
/ND/	AK3*	US-5,914,928-A	06-22-1999	Takahashi et al.				
*	AL3*	US-6,058,085-A	05-02-2000	Obata et al.	1			
	AM3*		09-12-2000	Kakihara et al.	1			
-1	AN3*	US-6,138,203-A	10-24-2000	lnokuchi et al.	j			
1	AO3*		12-12-2000	Ito et al.				
	AP3*	US-6,189,118-B1	02-13-2001	Sasaki et al.	· ·			
	AQ3*	US-6,233,654-B1	05-15-2001	Aoki et al.				
	AR3*	US-6,292,445-B1	09-18-2001	Ito et al.				
-	AS3*	US-6,341,109-B1	01-22-2002	Kayanuma et al.				
-	AT3*	US-6,341,278-B1	01-22-2002	Yamamoto et al.				
	AU3*	US-6,405,332-B1	06-11-2002	Bando et al.				
-	AV3*	US-6,414,923-B1	07-02-2002	Park et al.				
	AW3*		09-10-2002	Hornbeck				
	AY3*	US-6,469,978-B1	10-22-2002	Ohata et al.				
	AX3*	US-6,477,126-B1	11-05-2002	Park et al.				
	AY3*	US-6,480,446-B1	11-12-2002	Ko et al.				
	AZ3*	US-6,529,458-B1	03-04-2003	Shin et al.				
	AA4*	US-6,564,345-B1	05-13-2003	Kim et al.				
-	AB4*	US-6,581,167-B1	06-17-2003	Gotoh et al.				
	AC4*	US-6,606,285-B1	08-12-2003	ljtsma et al.				
	AD4*	US-6,615,363-B1	09-02-2003	Fukasawa et al.				
	AE4*	US-6,631,106-B1	10-07-2003	Numata et al.				
	AF4*	US-6,633,724-B1	10-14-2003	Hasegawa et al.				
	AG4*	U\$-6,667,939-B1	12-23-2003	Miyamoto et al.				
1	AH4*	US-6,671,249-B2	12-30-2003	Horie et al.				
-	AI4*	US-6,697,306-B2	02-24-2004	Sako et al.				
	AJ4*	US-6,724,701-B2	04-20-2004	ljtsma et al.				
ě	AL4*	US-6,738,341-B2	05-18-2004	Ohata et al.				
	AM4*	US-6,754,860-B2	06-22-2004	Kim et al.				
	AN4*	US-6,760,288-B2	07-06-2004	Ijtsma et al.				
	AO4*	US-6,763,429-B1	07-13-2004	Hirayama et al.				
	AP4*	US-6,766,418-B1	07-20-2004	Alexander et al.				
/ND/	AQ4*	US-6,795,389-B1	09-21-2004	Nishiuchi et al.				

Examiner	/Nathan Danielsen/	Date	11/17/2008
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Sub	Substitute for form 1449/PTO			Complete if Known		
Substitute (of 15th) 11th 11th			Application Number	10/670,332-Conf. #5101		
١N	IFORMATION	I DI	SCLOSURE	Filing Date	September 26, 2003	
STATEMENT BY APPLICANT			First Named Inventor	Yong Cheol	I PARK	
				Art Unit	2 02 4~	2627
	(Use as many sheets as necessary)			Examiner Name	SinAin	←N. Danielse:
Sheet	5	of	9	Attorney Docket Number	0465-1029F)

	•		U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/ND/	AR4*	US-6,804,797-B2 10-12-2004		Ko et al.	
R	AS4*	US-6,826,140-B2	11-30-2004	Brommer et al.	
	AT4*	US-6,842,580-B1	01-11-2005	Ueda et al.	
	AU4*	US-6,845,069-B2	01-18-2005	Nakahara et al.	
-	AV4*	US-6,883,111-B2	04-19-2005	Yoshida et al.	
	AW4*	US-6,918,003-B2	07-12-2005	Sasaki et al.	
	AX4*	US-6,934,236-B2	08-23-2005	Lee et al.	
	AY4*	US-6,999,398-B2	02-14-2006	Yamamoto et al.	
	AZ4*	US-7,002,882-B2	02-21-2006	Takahashi et al.	
8	AA5*	US-7,027,059-B2	04-11-2006	Hux et al.	
8	AB5*	US-7,027,373-B2	04-11-2006	Ueda et al.	
	AC5*	US-7,042,825-B2	05-09-2006	Yamamoto et al.	
- 6	AD5*	US-7,050,701-B1	05-23-2006	Sasaki et al.	
8	AE5*	US-7,092,334-B2	08-15-2006	Choi et al.	
	AF5*	US-7,149,930-B2	12-12-2006	Ogawa et al.	
8	AG5*	US-7,184,377-B2	02-27-2007	Ito et al.	
8	AH5*	US-7,188,271-B2	03-06-2007	Park et al.	
	AI5*	US-7,233,550-B2	06-19-2007	Park et al.	
-	AJ5*	US-7,272,086-B2	09-18-2007	Hwang et al.	
	AK5*	US-7,289,404-B2	10-30-2007	Park et al.	
8	AL5*	US-7,296,178-B2	11-13-2007	Yoshida et al.	
	AM5*	US-7,327,654-B2	02-05-2008	Hwang et al.	
	AN5*	US-5,940,702-A	08-17- 1 999	Sakao et al.	
8	AO5*	US-6,785,206-B1	08-31-2004	Lee et al.	
0000	AP5*	US-7,379,402-B2	05-27-2008	Ko et al.	
0000	AQ5*	US-7,349,301-B2	03-25-2008	Terada et al.	
0000	AR5*	US-6,542,450-B1	04-01-2003	Park et al.	
ě	AS5*	US-6,496,807-B1	12-17-2002	Inokuchi et al.	
/ND/	AT5*	US-2004/193946	09-30-2004	Park et al.	

Examiner	Mathen Danieleen/	Date	11/17/2008
Signature	/Nathan Dameisen/	Considered	11/1//2000

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Sub	ostitute for form 1449/PTO			Complete if Known		
Condition of form 1.141.14				Application Number	10/670,332-Conf. #5101	
IN.	NFORMATION	I DI	SCLOSURE	Filing Date	September 26, 2003	
S	STATEMENT BY APPLICANT			First Named Inventor	Yong Cheol PARK	
				Art Unit	2 024 2627	
	(Use as many sheets as necessary)			Examiner Name	S.A.Ahmed-N. Danielse	
Sheet	6	of	9	Attorney Docket Number	0465-1029P	

		FORE	GN PATENT	DOCUMENTS		
Examiner Initials*	No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>fi known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T [®]
/ND/	BA	CN-1134017-A	10-23-1996	Sony Corp		ABS
9999	BB	CN-1140897-C	01-22-1997	Nippon Electric Co		ABS
20000	ВС	CN-1227950-A	09-08-1999	LG Electronics Inc		ABS
900000	BD	CN-1273419-A	11-15-2000	Samsung Electronics Co Ltd		ABS
9999	BE	CN-1675708-A	09-28-2005	Samsung Electronics Co Ltd		ABS
9000	BF	CN-1685426-A	10-19-2005	Sony Corp		ABS
20000	BG	DE-199 54 054-A1	06-21-2000	LG Electronics Inc		ABS
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00000	BJ	EP-0464811-A2	01-08-1992	Matsushita Electric Ind Co Ltd		
00000	BK	EP-0472484-A2	02-26-1992	lbm		
99999	BL	EP-0477503-A2	04-01-1992	Fuji Photo Film Co Ltd		
90000	ВМ	EP-0556046-A1	08-18-1993	Sony Corp		
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200000	BQ	EP-0997904-A1	05-03-2000	Matsushita Electric Ind Co Ltd		
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90000	BV	EP-1239478-A1	09-11-2002	Matsushita Electric Ind Co Ltd		
30000	BW	EP-1298659-A1	04-02-2003	Samsung Electronics Co Ltd		
20000	BX	EP-1329888-A1	07-23-2003	Matsushita Electric Ind Co Ltd		
900	BY	EP-1347452-A2	09-24-2003	Matsushita Electric Ind Co Ltd		
/ND/	BZ	EP-1547065-A0	06-25-2005	LG Electronics Inc		

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Examiner	/Nathan Danielsen/	Date	11/17/2008
Signature	, , , , , , , , , , , , , , , , , , , ,	Considered	, ,

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Sub	estitute for form 1449/PTO			Complete if Known		
				Application Number	10/670,332-Conf. #5101	
l IN	IFORMATION	I DI	SCLOSURE	Filing Date	September 26, 2003	
l s	TATEMENT I	3Y /	APPLICANT	First Named Inventor	Yong Cheol PARK	
-				Art Unit	2 024~ 2627	
	(Use as many sheets as necessary)			Examiner Name	S:A:Ahmed N. Dan	ielsen
Sheet	7	of	9	Attorney Docket Number	0465-1029P	

		FORE	GN PATENT	DOCUMENTS		
Examiner initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T⁰
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900	BB1	EP-1573723-A0	09-14-2005	LG Electronics Inc		
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00000	BD1	GB-2356735-A	05-30-2001	Mitsubishi Electric Corp		
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0000	BH1	JP-10-187357		Nippon Electric Eng		ABS
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0000	BM1	JP-11-110888-A	04-23-1999	Nippon Kogaku Kk		ABS
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0000	BO1	JP-01-263955-A	10-20-1989	Matsushita Electric Ind Co Ltd		ABS
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000~	BR1	JP-2000-195178-A	07-14-2000	Matsushita Electric Ind Co Ltd		ABS
8	BS1	JP-2000-215612	08-04-2000	LG Electronics Inc		ABS
8	BT1	JP-2000-285607-A	10-13-2000	Tokyo Shibaura Electric Co		ABS
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8 :	BV1	JP-2001-069440-A	03-16-2001	Sanyo Electric Co		ABS
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Examiner Signature	/Nathan Danielsen/	Date Considered	11/17/2008

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				Application Number	10/670,332-Conf. #5101	
l IN	IFORMATION	I DI	SCLOSURE	Filing Date	September 26, 2003	
l s	STATEMENT BY APPLICANT			First Named Inventor	Yong Cheol PARK	
				Art Unit	202年 2627	
	(Use as many sheets as necessary)			Examiner Name	3-4-4mmed N. Danielsen	
Sheet	8	of	9	Attorney Docket Number	0465-1029P	

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁶ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T⁰
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ž .	BI2	JP-2004-280864-A	10-07-2004	Sony Corp		ABS
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Ö	BG3	WO-2004/075780-A1	09-02-2004	LG Electronics Inc		
000	вн3	WO-2004/029668-A2	04-08-2004	LG Electronics Inc		
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/ND/	BK3	WO-2004/036561-A1	04-29-2004	Samsung Electronics Co Ltd		

Examiner	/Nathan Danielsen/	Date	11/17/2008
Signature	/INditidit Daniologii/	Considered	

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				Application Number	10/670,332-Conf. #5101	
	VIFORMATION	1 DI	SCLOSURE	Filing Date	September 26, 2003	
S	TATEMENT E	BY /	APPLICANT	First Named Inventor	Yong Cheol PARK	
				Art Unit	2024~ 2627	
	(Use as many sheets as necessary)			Examiner Name	S-A-Ahmed-N. Danielse	
Sheet	9	of	9	Attorney Docket Number	0465-1029P	

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Examiner	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Ι.
Initials*		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				Т
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0000	BW3	RU-2005 103 626	09-10-2005			
000	BX3	RU-2005 127 337	02-10-2006			
20000	BY3	WO-2004025648	03-25-2004	Samsung Electronics Co Ltd		Г
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/ND/	CA	JIS handbook data processing for hardware, Japan, Japanese Standards Association Inc., April 21, 1999, Pages 1064-1070			

Examiner	Mathan Danialaan/	Date	11/17/2008
Signature	/Nathan Danielsen/	Considered	

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